

ABSTRACT

A bookbinding machine binds a stack of pages along a first edge thereof to form a book using an adhesive having a melting temperature and an elongated resistive strip having an adhesive atop at least a portion of a first side. The strip has two opposed
5 ends and an electrical resistivity between the ends and is dimensioned to substantially cover the first edge of the stack, with the first side against the first edge of the stack. An electrical current is introduced to pass along the strip between the ends. The current should be sufficient to create enough heat in the strip to achieve a temperature at least as great as the melting temperature, enabling the melted adhesive to bind the stack of
10 pages together along the first edge. Apparatus are also provided for supporting, holding, and clamping the page stack prior to and during the binding process.